

IN THE CLAIMS

Please amend the status of the claims as indicated below:

Claims 1-10 (canceled)

11. (new) A vibratory apparatus for driving and extracting piles, comprising fluid-lubricated sliding bearings for rotating unbalanced masses arranged in a bearing flange via a bearing journal and a bearing bush, or bearings for shafts, for each unbalanced mass, each said bearing bush having at least two channels extending in a radial direction for conducting lubricating fluid to said bearing journal and on at least one end of each said bearing bush is a grooved depression extending in said radial direction for conduction of said lubricating fluid, or extending into axial running faces lying against each said bearing bush of the unbalanced masses, or into shafts supported in said fluid-lubricated bearings, and with a surface of said bearing journal surrounded by each said bearing bush, or said shaft, having at least one grooved depression.

12. (new) The vibratory apparatus for driving and extracting piles according to Claim 11, wherein each said bearing bush has eight channels running in said radial direction.

13. (new) The vibratory apparatus for driving and extracting piles according to Claim 11, wherein each said bearing bush has, on an outer side that is surrounded by said bearing flange, a surrounding grooved depression and channels leading in a radial direction toward an inner side of each said bearing bush proceeding from the surrounding

grooved depression.

14. (new) The vibratory apparatus for driving and extracting piles according to Claim 11, wherein each said bearing bush has at least one end face which is a running face.

15. (new) The vibratory apparatus for driving and extracting piles according to Claim 14, wherein each said running face of each said bearing bush has a grooved depression in a radial direction lying against a respective said bearing bush.

16. (new) The vibratory apparatus for driving and extracting piles according to Claim 14, wherein each said running face of each said bearing bush has a grooved depression in an axial running face lying against a respective said bearing bush.

17. (new) The vibratory apparatus for driving and extracting piles according to Claim 11, wherein a surface surrounded by said bearing bush of each said bearing journal has at least one grooved depression in an azimuthal direction or at least one grooved depression in an axial direction.

18. (new) The vibratory apparatus for driving and extracting piles according to Claim 17, wherein said at least one grooved depression in said azimuthal direction has a length that joins openings of at least two said channels and, upon rotation, remains in connection with at least one channel of said at least two said channels.

19. (new) The vibratory apparatus for driving and extracting piles according to

Claim 11, wherein a surface surrounded by said bearing bush of each shaft of said shafts has at least one grooved depression in an azimuthal direction or at least one grooved depression in an axial direction.

20. (new) The vibratory apparatus for driving and extracting piles according to Claim 18, wherein said at least one grooved depression in said azimuthal direction has a length that joins openings of at least two said channels and, upon rotation, remains in connection with at least one channel of said at least two said channels.

21. (new) The vibratory apparatus for driving and extracting piles according to Claim 11, wherein a surface surrounded by said bearing bush of each said bearing journal comprises at least one grooved depression extending in an axial direction and ending blindly at both ends.

22. (new) The vibratory apparatus for driving and extracting piles according to Claim 11, wherein between a respective said bearing journal and a respective said bearing bush there is play of approximately one-thousandth to three-thousandths of a diameter of said respective said bearing journal.

23. (new) The vibratory apparatus for driving and extracting piles according to Claim 11, wherein each said bearing bush is made of a copper/aluminum alloy.